

HIGHLY ERODIBLE LAND REPORT
JANUARY, 1990

Survey Area- LOUISA COUNTY, VIRGINIA

Map Symbol	Mapunit Name	Seq. Num.	Component Name	Cap. Subcl.	Prime Farm	HEL Soil	K Fact.	T Fact.
AbB	ABELL FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	ABELL	2E	1	PHEL	.28	4
AcB	ABELL SILT LOAM, 2 TO 7 PERCENT SLOPES	1	ABELL	2E	1	PHEL	.32	3
AeB	ABELL LOAM, DARK SURFACE VARIANT, 2 TO 7 PERCENT SLOPES	1	ABELL VARIANT	2E	1	PHEL	.32	3
AlB	ALTAVISTA FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	ALTAVISTA	2E	1	PHEL	.24	5
AnB2	APPLING SANDY LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	APPLING	2E	1	PHEL	.24	4
AnC2	APPLING SANDY LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	APPLING	4E	0	PHEL	.24	4
ApB3	APPLING SANDY CLAY LOAM, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED	1	APPLING	2E	0	PHEL	.24	3
ArC3	APPLING-WEDOWEE SANDY CLAY LOAMS, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	APPLING	4E	0	PHEL	.20	3
ArC3	APPLING-WEDOWEE SANDY CLAY LOAMS, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	2	WEDOWEE	4E	0	PHEL	.20	2
AsB	ASHLAR SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	ASHLAR	3E	0	PHEL	.24	2
AsC	ASHLAR SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	ASHLAR	4E	0	HEL	.24	2
AsC3	ASHLAR SANDY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	ASHLAR	4E	0	HEL	.24	2
AsD	ASHLAR SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	ASHLAR	6E	0	HEL	.24	2
AsD3	ASHLAR SANDY LOAM, 15 TO 30 PERCENT SLOPES, SEVERELY ERODED	1	ASHLAR	6E	0	HEL	.24	2
Av	ASHLAR-MANTEO-ROCK OUTCROP COMPLEX	1	ASHLAR	7E	0	HEL	.24	2
Av	ASHLAR-MANTEO-ROCK OUTCROP COMPLEX	2	MANTEO	7E	0	HEL	.24	2
CcB2	CECIL SANDY LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	CECIL	2E	1	PHEL	.28	4
CcC2	CECIL SANDY LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	CECIL	4E	0	PHEL	.28	4
CeB3	CECIL CLAY LOAM, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED	1	CECIL	3E	0	PHEL	.28	4
CfC3	CECIL-PACOLET CLAY LOAMS, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	CECIL	4E	0	PHEL	.28	4
CfC3	CECIL-PACOLET CLAY LOAMS, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	2	PACOLET	6E	0	PHEL	.28	4
Ch	CHEWACLA SILT LOAM	1	CHEWACLA	4W	0	NHEL	.28	5
ClB	COLFAX FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	COLFAX	3W	0	PHEL	.28	3
Cn	CONGAREE SILT LOAM	1	CONGAREE	2W	1	NHEL	.37	5
Co	CONGAREE-CHEWACLA COMPLEX	1	CONGAREE	2W	0	NHEL	.37	5
Co	CONGAREE-CHEWACLA COMPLEX	2	CHEWACLA	4W	0	NHEL	.37	5
CuB2	CULLEN LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	CULLEN	3E	1	PHEL	.37	4
CuC2	CULLEN LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	CULLEN	4E	0	HEL	.37	4
CwB3	CULLEN CLAY LOAM, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED	1	CULLEN	3E	0	PHEL	.37	3
CwC3	CULLEN CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	CULLEN	4E	0	HEL	.37	3
DuB	DURHAM FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	1	DURHAM	2E	1	PHEL	.24	5
Eb	ELBERT SILT LOAM	1	ELBERT	4W	0	NHEL	.49	3
FlB2	FLUVANNA FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	FLUVANNA	3E	1	PHEL	.37	4
FlC2	FLUVANNA FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	FLUVANNA	4E	0	HEL	.37	4
Fn	FLUVAQUENTS	1	FLUVAQUENTS	4W	0	NHEL	.28	5
Fo	FORESTDALE SILT LOAM	1	FORESTDALE	4W	0	NHEL	.37	5
FrB	FORK FINE SANDY LOAM, 0 TO 5 PERCENT SLOPES	1	FORK	3W	0	PHEL	.37	4
GrB2	GROVER SANDY LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	GROVER	2E	1	PHEL	.24	3
GrC2	GROVER SANDY LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	GROVER	4E	0	HEL	.24	3
GvB3	GROVER SANDY CLAY LOAM, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED	1	GROVER	3E	0	PHEL	.28	3
GvC3	GROVER SANDY CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	GROVER	4E	0	HEL	.28	3
IdB	IREDELL SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	IREDELL	2E	0	PHEL	.28	3
IdB2	IREDELL SANDY LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	IREDELL	2E	0	PHEL	.28	3

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IdC2	IREDELL SANDY LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	IREDELL	6E	0	HEL	.28	3	
IrA	IREDELL LOAM, 0 TO 2 PERCENT SLOPES	1	IREDELL	2E	0	NHEL	.32	3	
IrB	IREDELL LOAM, 2 TO 7 PERCENT SLOPES	1	IREDELL	2E	0	PHEL	.32	3	
Iv	IREDELL SILT LOAM, SILTY SUBSOIL VARIANT	1	IREDELL VARIANT	2E	0	NHEL	.28	3	
LgB	LIGNUM LOAM, 2 TO 7 PERCENT SLOPES	1	LIGNUM	2E	0	PHEL	.43	3	
MaB2	MADISON SANDY LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	MADISON	2E	1	PHEL	.24	4	
MaC2	MADISON SANDY LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	MADISON	4E	0	PHEL	.24	4	
MdB3	MADISON CLAY LOAM, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED	1	MADISON	2E	0	PHEL	.28	4	
MdC3	MADISON CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	MADISON	4E	0	PHEL	.28	4	
MnB	MANTEO CHANNERY SILT LOAM, 2 TO 7 PERCENT SLOPES	1	MANTEO	4E	0	PHEL	.28	1	
MnC	MANTEO CHANNERY SILT LOAM, 7 TO 15 PERCENT SLOPES	1	MANTEO	6E	0	HEL	.28	1	
MnD	MANTEO CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	1	MANTEO	7E	0	HEL	.28	1	
MnE	MANTEO CHANNERY SILT LOAM, 25 TO 45 PERCENT SLOPES	1	MANTEO	7E	0	HEL	.28	1	
MoC	MANTEO VERY CHANNERY SILT LOAM, 7 TO 15 PERCENT SLOPES	1	MANTEO	7S	0	HEL	.28	1	
MoD	MANTEO VERY CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	1	MANTEO	7S	0	HEL	.28	1	
MsB2	MASADA FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	MASADA	2E	1	PHEL	.32	4	
MsC2	MASADA FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	MASADA	3E	0	HEL	.32	4	
MuB2	MECKLENBURG-ENON LOAMS, 2 TO 7 PERCENT SLOPES, ERODED	1	MECKLENBURG	2E	0	PHEL	.24	4	
MuB2	MECKLENBURG-ENON LOAMS, 2 TO 7 PERCENT SLOPES, ERODED	2	ENON	3E	0	PHEL	.24	4	
MuC2	MECKLENBURG-ENON LOAMS, 7 TO 15 PERCENT SLOPES, ERODED	1	MECKLENBURG	4E	0	PHEL	.24	4	
MuC2	MECKLENBURG-ENON LOAMS, 7 TO 15 PERCENT SLOPES, ERODED	2	ENON	4E	0	PHEL	.24	4	
MvC3	MECKLENBURG-ENON CLAY LOAMS, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	MECKLENBURG	4E	0	PHEL	.24	4	
MvC3	MECKLENBURG-ENON CLAY LOAMS, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	2	ENON	4E	0	PHEL	.24	4	
NaD2	NASON LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	NASON	4E	0	HEL	.37	4	
NoB2	NASON SILT LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	NASON	2E	0	PHEL	.37	4	
NoC2	NASON SILT LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	NASON	3E	0	HEL	.37	4	
NsB3	NASON SILTY CLAY LOAM, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED	1	NASON	2E	0	PHEL	.37	3	
NsC3	NASON SILTY CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	NASON	3E	0	HEL	.37	3	
OrB	ORANGE SILT LOAM, 2 TO 7 PERCENT SLOPES	1	ORANGE	3E	0	PHEL	.43	3	
OxB	ORANGE-POINDEXTER COMPLEX, 2 TO 7 PERCENT SLOPES	1	ORANGE	3E	0	PHEL	.43	3	
OxB	ORANGE-POINDEXTER COMPLEX, 2 TO 7 PERCENT SLOPES	2	POINDEXTER	2E	0	PHEL	.43	3	
PaB2	PACOLET-CECIL SANDY LOAMS, 2 TO 7 PERCENT SLOPES, ERODED	1	PACOLET	2E	1	PHEL	.20	3	
PaB2	PACOLET-CECIL SANDY LOAMS, 2 TO 7 PERCENT SLOPES, ERODED	2	CECIL	2E	1	PHEL	.20	3	
PaC2	PACOLET-CECIL SANDY LOAMS, 7 TO 15 PERCENT SLOPES, ERODED	1	PACOLET	4E	0	PHEL	.20	3	
PaC2	PACOLET-CECIL SANDY LOAMS, 7 TO 15 PERCENT SLOPES, ERODED	2	CECIL	4E	0	PHEL	.20	3	

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PaD2	PACOLET-CECIL SANDY LOAMS, 15 TO 25 PERCENT SLOPES, ERODED	1	PACOLET	6E	0	HEL	.20	3	
PaD2	PACOLET-CECIL SANDY LOAMS, 15 TO 25 PERCENT SLOPES, ERODED	2	CECIL	6E	0	HEL	.20	3	
PcD3	PACOLET-CECIL CLAY LOAMS, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	1	PACOLET	7E	0	HEL	.24	2	
PcD3	PACOLET-CECIL CLAY LOAMS, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	2	CECIL	6E	0	HEL	.24	2	
PxB	POINDEXTER LOAM, 2 TO 7 PERCENT SLOPES	1	POINDEXTER	2E	1	PHEL	.37	3	
PxC	POINDEXTER LOAM, 7 TO 15 PERCENT SLOPES	1	POINDEXTER	3E	0	HEL	.37	3	
PxC3	POINDEXTER LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	POINDEXTER	4E	0	HEL	.37	3	
PxD	POINDEXTER LOAM, 15 TO 25 PERCENT SLOPES	1	POINDEXTER	4E	0	HEL	.37	3	
RoB	ROANOKE SILT LOAM, LOCAL ALLUVIUM, 2 TO 7 PERCENT SLOPES	1	ROANOKE	4W	0	NHEL	.37	4	
SP	SEKIL-POINDEXTER-ROCK OUTCROP COMPLEX	1	SEKIL	7E	0	HEL	.32	2	
SP	SEKIL-POINDEXTER-ROCK OUTCROP COMPLEX	2	POINDEXTER	6E	0	HEL	.37	3	
SP	SEKIL-POINDEXTER-ROCK OUTCROP COMPLEX	3	ROCK OUTCROP		0	HEL			
SeB	SEKIL SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	SEKIL	3E	0	PHEL	.32	2	
SeC	SEKIL SANDY LOAM, 7 TO 15 PERCENT SLOPES	1	SEKIL	4E	0	HEL	.32	2	
SeC3	SEKIL SANDY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	SEKIL	4E	0	HEL	.32	2	
SeD	SEKIL SANDY LOAM, 15 TO 25 PERCENT SLOPES	1	SEKIL	6E	0	HEL	.32	2	
SeE	SEKIL SANDY LOAM, 25 TO 45 PERCENT SLOPES	1	SEKIL	7E	0	HEL	.32	2	
Tab2	TATUM SILT LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	TATUM	2E	0	PHEL	.43	4	
TaC2	TATUM SILT LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	TATUM	3E	0	HEL	.43	4	
TaD2	TATUM SILT LOAM, 15 TO 25 PERCENT SLOPES, ERODED	1	TATUM	4E	0	HEL	.43	4	
TmB3	TATUM SILTY CLAY LOAM, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED	1	TATUM	2E	0	PHEL	.32	3	
TmC3	TATUM SILTY CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED	1	TATUM	4E	0	HEL	.32	3	
TmD3	TATUM SILTY CLAY LOAM, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	1	TATUM	4E	0	HEL	.32	3	
To	TOCCOA LOAMY FINE SANDY	1	TOCCOA	2W	0	NHEL	.17	4	
Ts	TOCCOA FINE SANDY LOAM	1	TOCCOA	2W	1	NHEL	.10	4	
TuB	TURBEVILLE FINE SANDY LOAM, 2 TO 12 PERCENT SLOPES	1	TURBEVILLE	3E	0	PHEL	.32	5	
WaB2	WEDOWEE-APPLING SANDY LOAMS, 2 TO 7 PERCENT SLOPES, ERODED	1	WEDOWEE	2E	1	PHEL	.24	3	
WaB2	WEDOWEE-APPLING SANDY LOAMS, 2 TO 7 PERCENT SLOPES, ERODED	2	APPLING	2E	1	PHEL	.24	3	
WaC2	WEDOWEE-APPLING SANDY LOAMS, 7 TO 15 PERCENT SLOPES, ERODED	1	WEDOWEE	4E	0	HEL	.24	3	
WaC2	WEDOWEE-APPLING SANDY LOAMS, 7 TO 15 PERCENT SLOPES, ERODED	2	APPLING	4E	0	HEL	.24	3	
WaD2	WEDOWEE-APPLING SANDY LOAMS, 15 TO 25 PERCENT SLOPES, ERODED	1	WEDOWEE	7E	0	HEL	.24	3	
WaD2	WEDOWEE-APPLING SANDY LOAMS, 15 TO 25 PERCENT SLOPES, ERODED	2	APPLING	4E	0	HEL	.24	3	
WdD3	WEDOWEE-APPLING SANDY CLAY LOAMS, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	1	WEDOWEE	7E	0	HEL	.28	2	
WdD3	WEDOWEE-APPLING SANDY CLAY LOAMS, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED	2	APPLING	4E	0	HEL	.28	3	
We	WEHADKEE SILT LOAM	1	WEHADKEE	6W	0	NHEL	.32	5	
Wh	WEHADKEE-CHEWACLA COMPLEX	1	WEHADKEE	6W	0	NHEL	.32	5	
Wh	WEHADKEE-CHEWACLA COMPLEX	2	CHEWACLA	4W	0	NHEL	.32	5	
WkB	WICKHAM FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	WICKHAM	2E	1	PHEL	.24	5	
WoB	WORSHAM FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES	1	WORSHAM	4W	0	PHEL	.28	4	

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YoB	YORK SILT LOAM, 2 TO 10 PERCENT SLOPES	1	YORK	2E	0	PHEL	.43	4
ZoB	ZION LOAM, 2 TO 7 PERCENT SLOPES	1	ZION	2E	0	PHEL	.37	2
ZoB2	ZION LOAM, 2 TO 7 PERCENT SLOPES, ERODED	1	ZION	2E	0	PHEL	.37	2
ZoC2	ZION LOAM, 7 TO 15 PERCENT SLOPES, ERODED	1	ZION	3E	0	HEL	.37	2

HEL Terms

NHEL – Not Highly Erodible Land

PHEL – Potentially Highly Erodible Land

HEL – Highly Erodible Land

Prime Farmland Codes

- 0 - Not prime farmland.
- 1 - All areas are prime farmland.
- 2 - Prime farmland if drained.
- 3 - Prime farmland if protected from flooding or not frequently flooded during the growing season.
- 4 - Prime farmland if irrigated.
- 5 - Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season.
- 6 - Prime farmland if irrigated and drained.
- 7 - Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season.
- 8 - Prime farmland if subsoiled, completely removed the root inhibiting soil layer.